

Attachment 1 - Summary of Certain PMNs with Flame Retardant Uses

CASE #	Submitter name claimed CBI?	Submitter	Chemical ID claimed CBI?	Chemical Name	Generic Non-CBI Chemical Name	Prod. Volume claimed CBI?	Non-CBI Max Annual Prod Volume during first three years of manufacture (kg/yr)	Use(s) claimed CBI?	Use(s)	Generic Non-CBI use	Regulatory Status
P-08-0737	No	J.M. Huber Corporation	Yes	Claimed CBI	Magnesium hydroxide surface treated	Yes	Claimed CBI	No	Flame retardant		(Regulated) Non 5E SNUR on 10/05/2012 (77 FR 61118) (Docket #: EPA-HQ-OPPT-2012-0277); subsequently withdrawn by submitter
P-09-0193	Yes	Claimed CBI	No	Phosphonic acid, [2-[bis(2-hydroxyethyl)amino]ethyl]-, bis(2-chloroethyl) ester		Yes	Claimed CBI	No	Intermediate for flame retardant polyurethane manufacture		(Regulated) Non 5E SNUR on 10/05/2011 (76 FR 61566) (Docket #: EPA-HQ-OPPT-2010-1075)
P-09-0195	Yes	Claimed CBI	No	Phosphonic acid, P-[2-[bis(2-hydroxyethyl)amino]ethyl]-, 2-[bis(2-chloroethoxy)phosphinyl]ethyl 2-chloroethyl ester		Yes	Claimed CBI	No	Intermediate for flame retardant polyurethane manufacture		(Regulated) Non 5E SNUR on 10/05/2011 (76 FR 61566) (Docket #: EPA-HQ-OPPT-2010-1075)
P-09-0248	No	PN Solutions Inc	Yes	Claimed CBI	Ethyleneamine polyphosphates	Yes	Claimed CBI	Yes	Claimed CBI	Flame retardant added to polymers for use in the wire and cabling industry	(Regulated) Non 5E SNUR on 04/04/2012 (77 FR 20296) (Docket #: EPA-HQ-OPPT-2011-0942)
P-10-0088	No	FRX Polymers, Inc.	Yes	Claimed CBI	polyphosphonate-co-polycarbonate	Yes	Claimed CBI	Yes	Claimed CBI	Non-halogenated polyphosphonate-co-polycarbonate flame retardant polymer	(Regulated) Non 5E SNUR on 04/27/2012 (77 FR 25236) (Docket #: EPA-HQ-OPPT-2011-0577)
P-11-0264	Yes	Claimed CBI	Yes	Claimed CBI	Brominated Polyphenyl Ether	Yes	Claimed CBI	Yes	Claimed CBI	Flame retardant	(Regulated) 5E Consent Order signed with Triggered Testing on 11/22/2011; (Regulated) 5E SNUR on 04/25/2012 (77 FR 24613) (Docket #: EPA-HQ-OPPT-2012-0182)
P-11-0607	Yes	Claimed CBI	Yes	Claimed CBI	Polyaromatic Organophosphorus Compound	Yes	Claimed CBI	Yes	Claimed CBI	Additive flame retardant (open, non-dispersive use)	(Regulated) 5E Consent Order signed with Triggered Testing and Exposure-Based on 07/11/2012; (Regulated) 5E SNUR on 11/02/2012 (77 FR 66149) (Docket #: EPA-HQ-OPPT-2012-0740)

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P-12-0539	No	Trinity Manufacturing	No	Alkanes, C21-34 unbranched and linear, chloro	Alkanes, C21-34-branched and linear, chloro	No	2500000	No	Flame retardant in rubber products and extreme pressure additive in lubricants.	Flame retardant in rubber products and extreme pressure additive in lubricants.	REG5ECTTX (Regulated) 5E Consent Order signed with Triggered Testing and Exposure-Based on 03/19/2013; SNUR issued on 8/7/13 (78 FR 48051) but subsequently withdrawn by EPA because of adverse comments; pending reproposal of 5(e) SNUR (Docket #: EPA-HQ-OPPT- 2013-0399)
P-13-0107	No	Trinity Manufacturing	No	Alkanes, C22-30 - branched and linear, chloro		No	500000	No	Flame retardant in rubber products and extreme pressure additive in lubricants.	Flame Retardant for Rubber Products	REG5ECTTX (Regulated) 5E Consent Order signed with Triggered Testing and Exposure-Based on 03/19/2013; SNUR issued on 8/7/13 (78 FR 48051) but subsequently withdrawn by EPA because of adverse comments; pending reproposal of 5(e) SNUR (Docket #: EPA-HQ-OPPT- 2013-0399)
P-13-0109	No	Trinity Manufacturing	No	Alkanes, C24-28, chloro		No	1000000	No	Flame retardant in rubber products and extreme pressure additive in lubricants.	Flame retardant in rubber products and extreme pressure additive in lubricants.	REG5ECTTX (Regulated) 5E Consent Order signed with Triggered Testing and Exposure-Based on 03/19/2013; SNUR issued on 8/7/13 (78 FR 48051) but subsequently withdrawn by EPA because of adverse comments; pending reproposal of 5(e) SNUR (Docket #: EPA-HQ-OPPT- 2013-0399)
P-13-0495	No	Wacker Chemical Corporation	Yes	Claimed CBI	Metal hydroxide, treated with alkenyl alkoxy silane	Yes	Claimed CBI	Yes	Claimed CBI	The substance is a filler used in fire resistant silicone rubber blends.	REGNON5ESN (Regulated) Non 5E SNUR on 10/27/2014 (see 79 FR 63821) (Docket No. EPA-HQ-OPPT-2014-0390)